

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

K. TAKEI, et al.

Application No.:

10/570,349

Filed:

MARCH 3, 2004

For:

NONAQUEOUS ELECTROLYTE SECONDARY BATTERY NEGATIVE ELECTRODE MATERIAL MANUFACTURING METHOD THEREOF NONAQUEOUS ELECTROLYTE

SECONDARY BATTERY NEGATIVE ELECTRODE WITH THE

**ELECTRODE MATERIAL AND NONAQUEOUS** 

ELECTROLYTE SECONDARY BATTERY

Group:

TBA

Examiner:

Confirm. No.:

TBA

7124

INFORMATION DISCLOSURE STATEMENT **UNDER 37 CFR 1.97 AND 1.98** 

Mail Stop: AMEND - NO FEE Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

August 28, 2006

Sir:

Pursuant to Applicants' duty of disclosure, enclosed please find copies of documents to be considered during examination of the above-identified application. These documents include documents cited in the specification of the above-identified application, on pages 2 and 3 thereof (that is, Japanese Patent Document No. 62-23433 and Japanese Patent Document No. 10-158005) and documents cited in the International Search Report for International (PCT) Application No. PCT/JP2004/012726, filed September 2, 2004, of which the above-identified application is a National Stage application filed under 35 USC 371. Also enclosed herewith is a copy of this International Search Report for International (PCT) Application No. PCT/JP2004/012726. Further enclosed herewith is an English translation of the International Preliminary Report on Patentability, together with the

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Notification thereof mailed May 26, 2006. Still further enclosed are English-language abstracts for each of the enclosed Japanese patent documents. Still further enclosed is a Form PTO/SB/08A, listing the enclosed documents.

This Information Disclosure Statement is being submitted prior to a first Office Action on the merits in the above-identified application. Accordingly, requirements of 37 CFR 1.97(b) are satisfied.

To the extent that the enclosed documents are not in English, it is respectfully submitted that requirements of 37 CFR 1.98(a)(3) are satisfied by English-language abstracts of the respective submitted documents, and/or by discussion of the documents in the specification of the above-identified application, and/or by citation of relevant passages of the documents in the enclosed International Search Report, and/or discussion of the documents in the enclosed English translation of the International Preliminary Report on Patentability. In this regard, note that the patent abstract for Publication No. 57-208079 enclosed herewith corresponds to No. 62-23433, each being based upon the same application (Application No. 56-094788).

In view of the foregoing, it is respectfully submitted that all applicable requirements of 37 CFR 1.97 and 1.98 have been satisfied, in connection with each of the documents listed on the enclosed Form. Accordingly, consideration of the listed documents, upon examination of the above-identified application, is respectfully requested.

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Please charge any shortage of fees due in connection with the filing of this paper to the Deposit Account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (case No. 1204.46017X00), or credit any excess fees paid to such Deposit Account.

Respectfully submitted,

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PTO/SB/08A (08-03)
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known		
				Application Number	10/570,349	
				Filing Date	03/03/2006	
	August 28.	2006		First Named Inventor	K. TAKEI, et al.	
				Art Unit	TBA	
luca as many sheets as necessary				Examiner Name	TBA	
Sheet	1	of	11	Attorney Docket Number	1204.46017X00	

U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US-				
		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS							
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵	
		JP 2000-203818	07/25/2000	K. Takei, et al.		Α	
		JP 10-236809	09/08/1998	Y. Ishii, et al.	•	A	
-		JP 2002-222650	08/09/2002	K. Takei, et al.		Α	
		JP 05-307977	11/19/1993	M. Miyabayashi, et al.		Α	
		JP 2003-272625	09/26/2003	Y. Shoji, et al.		Α	
		JP 2004-095426	03/25/2004	T. Sawai, et al.		Α	
		JP 62-23433	05/22/1987	K. Ikeda, et al.		Α	
		JP 10-158005	06/16/1998	Y. Ishii, et al.		Α	

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		Translation of the International Preliminary Report on Patentability, for International Application No. PCT/JP2004/012726, mailed May 26, 2006.	
		International Search Report, for Application No. PCT/JP2004/012726, mailed November 30, 2004.	

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.